
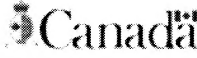


## Rear, Scott

**From:** Supervisor.Victoria <Supervisor.Victoria@innav.gc.ca>  
**Sent:** 2019-April-05 3:37 PM  
**To:** CBSA Operations; NCC / CCN (DFO/MPO); CCG Western Aids to Navigation / Aides à la Navigation GCC (DFO/MPO); Payne, Stephen; Jourdenais, Marc; Carlow, Theresa; ROC1 / COR1 (DFO/MPO); ROC1 / COR1 (DFO/MPO); Evans, Clay; Clinton. Rebeiro@tsb-bst.gc.ca (Clinton.Rebeiro@tsb-bst.gc.ca); PAC Radio Room / Salle de radio PAC (DFO/MPO); Environment Canada (ec.cnue-neec.ec@canada.ca); Gascon, Julie; Glenn Budden (Glenn.Budden@tsb-bst.gc.ca); Harbour Master - Vancouver; Harbour Master- Victoria ; Harbour Master-Victoria Assistant ; Brady, Jeff; Victoria JRCC [DND]; Carrigan, Kevin; Fraser, Lee (Elizabeth); Mcculloch, Lisa; CCG MCTS RHQ Western / GCC SCTM bureau régional IOuest (DFO/MPO); Statham, Art; Mohan Raman (Mohan.Raman@tsb-bst.gc.ca); CCG West MSOC / COSM Ouest GCC (DFO/MPO); Pacific Pilotage Authority (info@ppa.gc.ca); Ramanbir. Mangat@tsb-bst.gc.ca (Ramanbir.Mangat@tsb-bst.gc.ca); RCMP West Coast Marine Services; Ciammaichella, Rita; Pickrell, Susan; SITCEN [TC]; TC Marine Safety - Vancouver; Transportation Safety Board - Pacific; Speed, Terry; Zillur. Rahman@tsb-bst.gc.ca (Zillur.Rahman@tsb-bst.gc.ca)  
**Cc:** Gupta, Sanjay; 'Siddique, Abdulla Omar'; Ionescu, Ion  
**Subject:** 0243-2019-MOR-VIC-OAKLAND EXPRESS - ALLISION WITH CRANE - INITIAL  
**Categories:** Routine

GENERAL DATA – MARINE OCCURRENCE REPORT					
VESSEL NAME/CALL SIGN/REG :		OAKLAND EXPRESS			
JRCC INCIDENT # :	V19-	PRIORITY:	Routine	BROADCAST:	NO
INCIDENT START TIME:	05/Apr/2019 1520 PDT				
INCIDENT END TIME:	05/Apr/2019 1520 PDT				
NATURE OF INCIDENT:	DAMAGE TO CRANE AT BERTH				
PERSONS ON BOARD:	UNKNOWN	LOSS OF LIFE:	No		
POSITION (GPS / GEOGRAPHIC):	FRASER SURREY DOCKS BERTH #7				
VESSEL PARTICULARS					
LOA:	294 METRES	TYPE:	CONTAINER VESSEL	VRN/CFV #:	
MMSI:	477904300	GRT/DWT:	54437/23872	IMO:	
DESTINATION:	FRASER SURREY DOCKS	LAST PORT:		CARGO:	CONTAINERS
FLAG:	GREECE	OWNER/ AGENT CONTACT:	OWNER – FANAKOS MARATIME	SHIP PHONE/SAT PHONE:	EMAIL –
ADDITIONAL VESSEL DETAILS:					
SITUATION DETAILS					

<b>SITREP/RESOLUTION:</b>		PILOT OF THE OAKLAND EXPRESS REPORTS VESSEL COMING INTO CONTACT WITH CRANE AT FRASER SURREY BETH #7 WHEN BERTHING. PILOT BELIEVES ONLY SUPERFICIAL DAMAGE TO VESSEL (BROKEN LIGHTS ON BRIDGE WING), BUT UNSURE OF DAMAGE TO CRANE.	
<b>INTENTIONS OF MASTER:</b>			
<b>ON-SCENE ASSISTANCE:</b>			
<b>POLLUTION/NAV HAZARD:</b>		NONE	
<b>WEATHER DETAILS</b>			
<b>VISIBILITY:</b>	GOOD	<b>WIND (KNOTS):</b>	
<b>SEA STATE:</b>		<b>TIDE/CURRENT:</b>	
<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>			
<b>CCG-W ER DUTY OFFICER</b> (IF POLLUTION PRESENT OR RISK OF DISCHARGE)		Click here to enter a date. Click here to enter text.	
<b>TSB SAFETY OFFICER</b> (COMMERCIAL VESSEL ONLY OR LOSS OF LIFE ON ANY VESSEL)		Click here to enter a date. Click here to enter text.	
<b>VANCOUVER HBR MASTER</b> (ONLY IF WITHIN OR BOUND FOR VANCOUVER HARBOUR)		Click here to enter a date. Click here to enter text.	
		Click here to enter a date. Click here to enter text.	
<b>MCTS OFFICER:</b>		N/A	
<b>MCTS WATCH SUPERVISOR:</b>		SS	
<b>VICTORIA MARINE COMMUNICATIONS AND TRAFFIC SERVICES</b> <b>CANADIAN COAST GUARD/GOVERNMENT OF CANADA</b> <b>SUPERVISOR.VICTORIA@INNAV.GC.CA /TEL: 250-363-6333   1-800-661-9202 / FAX: 250-363-6556</b>			
 <div> <div> Ministère des Pêches et des Océans Canada </div> <div> Fisheries and Oceans Canada </div> </div>			
			

Shift Supervisor - Victoria MCTS Centre  
 Telephone: 250-363-6333  
 Facsimile: 250-363-6556  
[Supervisor.Victoria@innav.gc.ca](mailto:Supervisor.Victoria@innav.gc.ca)

Victoria Marine Communications & Traffic Services  
 P.O. Box 6000  
 9860 West Saanich Road  
 Sidney, BC, Canada, V8L 4B2

**Rear, Scott**

---

**From:** Gupta, Sanjay <sanjay.gupta@tc.gc.ca>  
**Sent:** 2019-April-05 5:34 PM  
**To:** Supervisor.Victoria  
**Cc:** Siddique, Abdulla Omar; Rawat, Shishir; Ionescu, Ion  
**Subject:** FW: 0243-2019-MOR-VIC-OAKLAND EXPRESS - ALLISION WITH CRANE - INITIAL

Hello Victoria MCTS,

Noted the following defect reported.

Please forward the following to the master of the vessel Oakland Express:

- Provide details of the incident and the damage sustained to the vessel.
- Provide details of the current situation, and if any repairs are being effected.

**Thanks and Best Regards,**

**Sanjay Gupta**

Senior Marine Inspector,  
Inspection Services

Transport Canada / Government of Canada

[sanjay.gupta@tc.gc.ca](mailto:sanjay.gupta@tc.gc.ca) / Tel: 604-314-0418/ Fax: 604-666-1911/ TTY: 1-888-675-6863

Transports Canada / Gouvernement du Canada

[sanjay.gupta@tc.gc.ca](mailto:sanjay.gupta@tc.gc.ca) / Tél. : 604-314-0418/ Télécopieur: 604-666-1911/ ATS : 1-888-675-6863

**From:** Supervisor.Victoria [mailto:Supervisor.Victoria@innav.gc.ca]

**Sent:** Friday, April 05, 2019 3:37 PM

**To:** CBSA Operations <953NPCU05G@cbsa-asfc.gc.ca>; Ottawa NCC-CCN [DFO] <ncc-ccn.xncr@dfo-mpo.gc.ca>; CCG-W Aids to Navigation (DFO.CCG-Western-AidstoNavigation-AidesalaNavigation-IOuest-GCC.MPO@dfo-mpo.gc.ca) <DFO.CCG-Western-AidstoNavigation-AidesalaNavigation-IOuest-GCC.MPO@dfo-mpo.gc.ca>; CCG-W JRCC A/Supervisor <Stephen.payne@dfo-mpo.gc.ca>; CCG-W Manager Marine Aids Coastal <marc.jourdenais@dfo-mpo.gc.ca>; CCG-W Marine Aids Coastal Officer <theresa.carlow@dfo-mpo.gc.ca>; CCG-W ROC - Alerting <dfo.roc1-cor1.mpo@dfo-mpo.gc.ca>; CCG-W ROC - OPERATIONS (roc1cor1@dfo-mpo.gc.ca) <roc1cor1@dfo-mpo.gc.ca>; CCG-W SAR Program Superintendent <clay.evans@dfo-mpo.gc.ca>; Clinton. Rebeiro@tsb-bst.gc.ca (Clinton.Rebeiro@tsb-bst.gc.ca) <Clinton.Rebeiro@tsb-bst.gc.ca>; DFO Radio Room - Aldergrove <pacradioroomrhq@pac.dfo-mpo.gc.ca>; Environment Canada NEEC: EC <ec.cnue-neec.ec@canada.ca>; GENERAL OPERATIONS (julie.gascon@dfo-mpo.gc.ca) <julie.gascon@dfo-mpo.gc.ca>; Glenn Budden (Glenn.Budden@tsb-bst.gc.ca) <Glenn.Budden@tsb-bst.gc.ca>; Harbour Master - Vancouver <harbour\_master@portmetrovancover.com>; McCooey, Mariah <mariah.mccooey@tc.gc.ca>; Polden, Zoe <zoe.polden@tc.gc.ca>; Jeff Brady <jeff.brady@dfo-mpo.gc.ca>; Victoria JRCC [DND] <jrccvictoria@sarnet.dnd.ca>; Kevin, Carrigan <kevin.carrigan@dfo-mpo.gc.ca>; Lee Fraser (Lee.Fraser@dfo-mpo.gc.ca) <Lee.Fraser@dfo-mpo.gc.ca>; Lisa McCulloch <lisa.mcculloch@dfo-mpo.gc.ca>; MCTS Regional Office <mcts@dfo-mpo.gc.ca>; MCTS-W REGIONAL SUPERINTENDANT (AS) <Art.Statham@dfo-mpo.gc.ca>; Mohan Raman (Mohan.Raman@tsb-bst.gc.ca) <Mohan.Raman@tsb-bst.gc.ca>; Canadian Coast Guard (MSOC-W): DFO <MSOC-West.XNAT@dfo-mpo.gc.ca>; Pacific Pilotage Authority (info@ppa.gc.ca) <info@ppa.gc.ca>; Ramanbir. Mangat@tsb-bst.gc.ca (Ramanbir.Mangat@tsb-bst.gc.ca) <Ramanbir.Mangat@tsb-bst.gc.ca>; RCMP West Coast Marine Services <E\_WCMS\_RCC.PO5.EDIV1@rcmp-grc.gc.ca>; RITA CIAMMAICHELLA <Rita.Ciammaichella@dfo-mpo.gc.ca>; Sue Pickrell

<Susan.Pickrell@dfo-mpo.gc.ca>; Sitcen HQ / Centre d'intervention AC (TC) <TC.SitcenHQ-CentredinterventionAC.TC@tc.gc.ca>; TC Marine Pacific - TC Maritime Pacifique <TCMarPac@tc.gc.ca>; Transportation Safety Board - Pacific <MarineNotifications.Pacific@bst-tsb.gc.ca>; VICTORIA MCTS OIC <terry.speed@dfo-mpo.gc.ca>; Zillur. Rahman@tsb-bst.gc.ca (Zillur.Rahman@tsb-bst.gc.ca) <Zillur.Rahman@tsb-bst.gc.ca>  
**Cc:** Gupta, Sanjay <sanjay.gupta@tc.gc.ca>; Siddique, Abdulla Omar <abdullaomar.siddique@tc.gc.ca>; Ionescu, Ion <ion.ionescu@tc.gc.ca>  
**Subject:** 0243-2019-MOR-VIC-OAKLAND EXPRESS - ALLISION WITH CRANE - INITIAL

GENERAL DATA – MARINE OCCURRENCE REPORT					
VESSEL NAME/CALL SIGN/REG		OAKLAND EXPRESS			
JRCC INCIDENT # :		V19-	PRIORITY:	Routine	BROADCAST: NO
INCIDENT START TIME:		05/Apr/2019 1520 PDT			
INCIDENT END TIME:		05/Apr/2019 1520 PDT			
NATURE OF INCIDENT:		DAMAGE TO CRANE AT BERTH			
PERSONS ON BOARD:		UNKNOWN	LOSS OF LIFE:	No	
POSITION (GPS / GEOGRAPHIC):		FRASER SURREY DOCKS BERTH #7			
VESSEL PARTICULARS					
LOA:	294 METRES	TYPE:	CONTAINER VESSEL	VRN/CFV #:	
MMSI:	477904300	GRT/DWT:	54437/23872	IMO:	
DESTINATION:	FRASER SURREY DOCKS	LAST PORT:		CARGO:	CONTAINERS
FLAG:	GREECE	OWNER/ AGENT CONTACT:	OWNER – FANAKOS MARATIME	SHIP PHONE/SAT PHONE:	EMAIL –
ADDITIONAL VESSEL DETAILS:					
SITUATION DETAILS					
SITREP/RESOLUTION:		PILOT OF THE OAKLAND EXPRESS REPORTS VESSEL COMING INTO CONTACT WITH CRANE AT FRASER SURREY BETH #7 WHEN BERTHING. PILOT BELIEVES ONLY SUPERFICIAL DAMAGE TO VESSEL (BROKEN LIGHTS ON BRIDGE WING), BUT UNSURE OF DAMAGE TO CRANE.			
INTENTIONS OF MASTER:					
ON-SCENE ASSISTANCE:					
POLLUTION/NAV HAZARD:		NONE			
WEATHER DETAILS					
VISIBILITY:		GOOD	WIND (KNOTS):		
SEA STATE:		TIDE/CURRENT:			
ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)					
CCG-W ER DUTY OFFICER (IF POLLUTION PRESENT OR RISK OF DISCHARGE)		Click here to enter a date. Click here to enter text.			
TSB SAFETY OFFICER (COMMERCIAL VESSEL ONLY OR LOSS OF LIFE ON ANY VESSEL)		Click here to enter a date. Click here to enter text.			

<b>VANCOUVER HBR MASTER</b> (ONLY IF WITHIN OR BOUND FOR VANCOUVER HARBOUR )	Click here to enter a date. Click here to enter text.
	Click here to enter a date. Click here to enter text.
<b>MCTS OFFICER:</b>	N/A
<b>MCTS WATCH SUPERVISOR:</b>	SS
<b>VICTORIA MARINE COMMUNICATIONS AND TRAFFIC SERVICES</b> <b>CANADIAN COAST GUARD/GOVERNMENT OF CANADA</b> <b>SUPERVISOR.VICTORIA@INNAV.GC.CA /TEL: 250-363-6333   1-800-661-9202 / FAX: 250-363-6556</b>	
 <div> <div> Fisheries and Oceans Canada </div> <div> Pêches et Océans Canada </div> <div> Canadian Coast Guard </div> <div> Garde côtière canadienne </div> </div> 	

Shift Supervisor - Victoria MCTS Centre  
Telephone: 250-363-6333  
Facsimile: 250-363-6556  
[Supervisor.Victoria@innav.gc.ca](mailto:Supervisor.Victoria@innav.gc.ca)

Victoria Marine Communications & Traffic Services  
P.O. Box 6000  
9860 West Saanich Road  
Sidney, BC, Canada, V8L 4B2

**Rear, Scott**

---

**From:** Supervisor.Victoria <Supervisor.Victoria@innav.gc.ca>  
**Sent:** 2019-April-05 5:44 PM  
**To:** CBSA Operations; NCC / CCN (DFO/MPO); CCG Western Aids to Navigation / Aides à la Navigation GCC (DFO/MPO); Payne, Stephen; Jourdenais, Marc; Carlow, Theresa; ROC1 / COR1 (DFO/MPO); ROC1 / COR1 (DFO/MPO); Evans, Clay; Clinton. Rebeiro@tsb-bst.gc.ca (Clinton.Rebeiro@tsb-bst.gc.ca); PAC Radio Room / Salle de radio PAC (DFO/MPO); Environment Canada (ec.cnue-neec.ec@canada.ca); Gascon, Julie; Glenn Budden (Glenn.Budden@tsb-bst.gc.ca); Harbour Master - Vancouver; Harbour Master- Victoria ; Harbour Master-Victoria Assistant ; Brady, Jeff; Victoria JRCC [DND]; Carrigan, Kevin; Fraser, Lee (Elizabeth); Mcculloch, Lisa; CCG MCTS RHQ Western / GCC SCTM bureau régional IOuest (DFO/MPO); Statham, Art; Mohan Raman (Mohan.Raman@tsb-bst.gc.ca); CCG West MSOC / COSM Ouest GCC (DFO/MPO); Pacific Pilotage Authority (info@ppa.gc.ca); Ramanbir. Mangat@tsb-bst.gc.ca (Ramanbir.Mangat@tsb-bst.gc.ca); RCMP West Coast Marine Services; Ciammaichella, Rita; Pickrell, Susan; SITCEN [TC]; TC Marine Safety - Vancouver; Transportation Safety Board - Pacific; Speed, Terry; Zillur. Rahman@tsb-bst.gc.ca (Zillur.Rahman@tsb-bst.gc.ca)  
**Cc:** [REDACTED]; Gupta, Sanjay; Rawat, Shishir; Ionescu, Ion; 'Siddique, Abdulla Omar'  
**Subject:** 0243-2019-MOR-VIC-OAKLAND EXPRESS - ALLISION WITH CRANE - UPDATE #1  
**Categories:** Routine

UPDATE #1 2019-04-05 1740 PDT

Good day,

Please see the following instructions below from Transport Canada regarding damage sustained by the vessel when berthing at Fraser Surrey Berth 7 earlier today.

Also please be advised that failure to submit the required documentation/reports may result in your clearance to depart being delayed.

Regards,

Shift Supervisor - Victoria MCTS Centre  
 Telephone: 250-363-6333  
 Facsimile: 250-363-6556  
[Supervisor.Victoria@innav.gc.ca](mailto:Supervisor.Victoria@innav.gc.ca)

Victoria Marine Communications & Traffic Services  
 P.O. Box 6000  
 9860 West Saanich Road  
 Sidney, BC, Canada, V8L 4B2

Hello Victoria MCTS,

Noted the following defect reported.

Please forward the following to the master of the vessel Oakland Express:

- Provide details of the incident and the damage sustained to the vessel.
- Provide details of the current situation, and if any repairs are being effected.

**Thanks and Best Regards,**

**Sanjay Gupta**

Senior Marine Inspector,

Inspection Services



Transport Canada / Government of Canada

[sanjay.gupta@tc.gc.ca](mailto:sanjay.gupta@tc.gc.ca) / Tel: 604-314-0418/ Fax: 604-666-1911/ TTY: 1-888-675-6863

Transports Canada / Gouvernement du Canada

[sanjay.gupta@tc.gc.ca](mailto:sanjay.gupta@tc.gc.ca) / Tél. : 604-314-0418/ Télécopieur: 604-666-1911/ ATS : 1-888-675-6863

<b>GENERAL DATA – MARINE OCCURRENCE REPORT</b>					
VESSEL NAME/CALL SIGN/REG :		<u>OAKLAND EXPRESS</u>			
JRCC INCIDENT # :	V19-	PRIORITY:	Routine	BROADCAST:	NO
INCIDENT START TIME:	05/Apr/2019 1520 PDT				
INCIDENT END TIME:	05/Apr/2019 1520 PDT				
NATURE OF INCIDENT:	DAMAGE TO CRANE AT BERTH				
PERSONS ON BOARD:	UNKNOWN	LOSS OF LIFE:	No		
POSITION (GPS / GEOGRAPHIC):	FRASER SURREY DOCKS BERTH #7				
<b>VESSEL PARTICULARS</b>					
LOA:	294 METRES	TYPE:	CONTAINER VESSEL	VRN/CFV #:	
MMSI:	477904300	GRT/DWT:	54437/23872	IMO:	
DESTINATION:	FRASER SURREY DOCKS	LAST PORT:		CARGO:	CONTAINERS
FLAG:	GREECE	OWNER/ AGENT CONTACT:	OWNER – FANAKOS MARATIME	SHIP PHONE/SAT PHONE:	EMAIL –
ADDITIONAL VESSEL DETAILS:					
<b>SITUATION DETAILS</b>					
SITREP/RESOLUTION:		PILOT OF THE OAKLAND EXPRESS REPORTS VESSEL COMING INTO CONTACT WITH CRANE AT FRASER SURREY BETH #7 WHEN BERTHING. PILOT BELIEVES ONLY SUPERFICIAL DAMAGE TO VESSEL (BROKEN LIGHTS ON BRIDGE WING), BUT UNSURE OF DAMAGE TO CRANE.			
INTENTIONS OF MASTER:					
ON-SCENE ASSISTANCE:					
POLLUTION/NAV HAZARD:		NONE			
<b>WEATHER DETAILS</b>					
VISIBILITY:		GOOD	WIND (KNOTS):		
SEA STATE:			TIDE/CURRENT:		

<b>ALERT LIST (NAME AND DATE/TIME OF VERBAL ALERT)</b>	
CCG-W ER DUTY OFFICER (IF POLLUTION PRESENT OR RISK OF DISCHARGE)	Click here to enter a date. Click here to enter text.
TSB SAFETY OFFICER (COMMERCIAL VESSEL ONLY OR LOSS OF LIFE ON ANY VESSEL)	Click here to enter a date. Click here to enter text.
VANCOUVER HBR MASTER (ONLY IF WITHIN OR BOUND FOR VANCOUVER HARBOUR )	Click here to enter a date. Click here to enter text.
MCTS OFFICER:	N/A
MCTS WATCH SUPERVISOR:	SS
<b>VICTORIA MARINE COMMUNICATIONS AND TRAFFIC SERVICES</b> <b>CANADIAN COAST GUARD/GOVERNMENT OF CANADA</b> <b>SUPERVISOR.VICTORIA@INNAV.GC.CA /TEL: 250-363-6333   1-800-661-9202 / FAX: 250-363-6556</b>	
 <div> <div> Fisheries and Oceans Canada </div> <div> Pêches et Océans Canada </div> <div> Coast Guard Garde Côtière </div> <div> Canadian Coast Guard Garde côtière canadienne </div> </div> 	



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.653	-12255.39	3.8	0	24.7	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.661	-12255.38	3.7	0	25.2	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.67	-12255.38	3.5	0	25.9	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.678	-12255.37	3.4	0	26.5	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.686	-12255.36	3.3	0	26.8	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.694	-12255.36	3.2	0	27.2	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:30
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.702	-12255.35	3.3	0	27.7	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.71	-12255.34	3.4	0	28.4	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.72	-12255.34	3.5	0	28.5	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.729	-12255.33	3.6	0	27.6	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.737	-12255.32	3.6	0	26.5	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.746	-12255.32	3.7	0	26.3	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:31
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.755	-12255.31	3.7	0	26.9	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.765	-12255.3	3.6	0	27.3	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.774	-12255.29	3.5	0	27.4	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.782	-12255.29	3.4	0	27.3	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.79	-12255.28	3.3	0	27	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.798	-12255.27	3.2	0	26.6	Under way 22 using engine		10 208.34. 1 241-9040	2019-04-05 21:32

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	SOG (knts)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.805	-12255.27	3	0	26.4	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:33
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.812	-12255.26	3	0	26.3	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:33
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.819	-12255.26	2.9	0	26.4	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:33
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.826	-12255.25	2.8	0	26.6	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:33
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.834	-12255.25	2.7	0	26.7	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:33
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.845	-12255.24	2.5	0	26.4	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.85	-12255.23	2.4	0	26.3	22	Under way	1	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.856	-12255.23	2.3	0	26.3	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.861	-12255.23	2.2	0	26.3	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.868	-12255.22	2	0	26.1	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.874	-12255.22	2	0	25.8	21	Under way	3	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN							Unknown	5	10.208.34. 241:9040	2019-04-05 21:34
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.878	-12255.22	2	0	26.2	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.882	-12255.21	2	0	26	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.888	-12255.21	2.2	0	24.2	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.893	-12255.2	2.3	0	24	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.901	-12255.2	2.4	0	23.2	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4910.909	-12255.19	2.5	0	22.7	21	Under way	1	10.208.34. 241:9040	2019-04-05 21:35

ATON type	Class	Type of ship	IMMSI	IMO number	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.914	-12255.19	2.5	0	21.7	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.92	-12255.19	2.5	0	18.7	Under way 23 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.927	-12255.18	2.7	0	16.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.934	-12255.18	2.7	0	15.4	Under way 25 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.941	-12255.18	2.8	0	17.7	Under way 27 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.949	-12255.18	2.8	0	20.1	Under way 28 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:36
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.957	-12255.17	2.9	0	22.7	Under way 30 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.964	-12255.17	2.9	0	24.7	Under way 31 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.971	-12255.16	3	0	26.9	Under way 32 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.979	-12255.15	3	0	29.1	Under way 33 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.985	-12255.15	3	0	30.9	Under way 34 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.992	-12255.14	3	0	33.5	Under way 35 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:37
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4910.999	-12255.13	3	0	35.7	Under way 35 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.005	-12255.12	2.9	0	37	Under way 36 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.011	-12255.12	2.8	0	38.7	Under way 36 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.017	-12255.11	2.7	0	39.7	Under way 36 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.022	-12255.1	2.7	0	40.2	Under way 36 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.027	-12255.09	2.5	0	40.5	Under way 36 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:38

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.032	-12255.09	2.5	0	40.7	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.038	-12255.08	2.5	0	40.5	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.042	-12255.07	2.5	0	40.5	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.048	-12255.07	2.4	0	40.2	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.053	-12255.06	2.4	0	40	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.058	-12255.06	2.3	0	40	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:39
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.063	-12255.05	2.3	0	39.9	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.067	-12255.04	2.3	0	40.3	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.072	-12255.04	2.3	0	41.5	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.077	-12255.03	2.2	0	45.2	Under way 36 using engine		10 208.34. 1 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.08	-12255.02	2	0	49.5	Under way 36 using engine		10 208.34. 3 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN						Unknown		10 208.34. 5 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.083	-12255.02	1.8	0	55.2	Under way 35 using engine		10 208.34. 1 241-9040	2019-04-05 21:40
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.084	-12255.01	1.6	0	59.2	Under way 34 using engine		10 208.34. 1 241-9040	2019-04-05 21:41
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.085	-12255	1.5	0	63.1	Under way 34 using engine		10 208.34. 1 241-9040	2019-04-05 21:41
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.087	-12255	1.5	0	66.5	Under way 33 using engine		10 208.34. 1 241-9040	2019-04-05 21:41
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.088	-12254.99	1.4	0	70.5	Under way 32 using engine		10 208.34. 1 241-9040	2019-04-05 21:41
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.089	-12254.99	1.4	0	72.8	Under way 31 using engine		10 208.34. 1 241-9040	2019-04-05 21:41

ATON type	Class	Type of ship	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.09	-12254.98	1.4	0	73.3	Under way 30 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:41
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.092	-12254.98	1.2	0	71.5	Under way 30 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.093	-12254.97	1.2	0	69.8	Under way 29 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.095	-12254.97	1.2	0	67.3	Under way 29 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.096	-12254.96	1.2	0	65.3	Under way 29 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.097	-12254.96	1.1	0	62.5	Under way 28 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.098	-12254.96	1	0	60.4	Under way 28 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:42
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.099	-12254.95	1	0	58.4	Under way 27 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.101	-12254.95	1	0	55.8	Under way 27 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.103	-12254.95	0.9	0	53.9	Under way 27 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.105	-12254.95	0.9	0	52.3	Under way 26 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.106	-12254.94	0.9	0	50.2	Under way 26 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.109	-12254.94	0.9	0	48.7	Under way 26 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:43
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.112	-12254.93	0.9	0	47.5	Under way 26 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:44
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.113	-12254.93	0.8	0	48.4	Under way 25 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:44
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.114	-12254.93	0.8	0	45.7	Under way 25 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:44
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.115	-12254.93	0.8	0	44.5	Under way 25 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:44
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811 VRMU9	OAKLAND EXPRESS		4911.116	-12254.93	0.8	0	44.5	Under way 25 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:44

ATON type	Class	Type of ship	IMO number	MMSI	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.118	-12254.92	0.8	0	45	Under way 25 using engine		10 208.34. 1 241.9040	2019-04-05 21:44
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.112	-12254.92	0.8	0	46	Under way 24 using engine		10 208.34. 1 241.9040	2019-04-05 21:45
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.121	-12254.92	0.8	0	47.3	Under way 24 using engine		10 208.34. 1 241.9040	2019-04-05 21:45
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.122	-12254.92	0.8	0	47.7	Under way 24 using engine		10 208.34. 1 241.9040	2019-04-05 21:45
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.123	-12254.91	0.8	0	47.7	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:45
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.124	-12254.91	0.7	0	47.5	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:45
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.126	-12254.91	0.7	0	46.7	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.127	-12254.91	0.7	0	45.9	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.128	-12254.91	0.7	0	45.2	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.13	-12254.91	0.7	0	44.3	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.132	-12254.91	0.7	0	43.8	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.134	-12254.9	0.7	0	42.5	Under way 22 using engine		10 208.34. 3 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN						Unknown		10 208.34. 5 241.9040	2019-04-05 21:46
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.9	0.7	0	42	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:47
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.9	0.7	0	41.2	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:47
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.138	-12254.9	0.6	0	42	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:47
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.139	-12254.9	0.5	0	42.7	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:47
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.14	-12254.89	0.4	0	47.5	Under way 22 using engine		10 208.34. 1 241.9040	2019-04-05 21:47

ATON type	Class	Type of ship	IMMSI	IMO number	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.141	-12254.89	0.3	0	47.2	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:47
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.142	-12254.89	0.3	0	47.9	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.142	-12254.89	0.3	0	48	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.142	-12254.89	0.3	0	42.7	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.142	-12254.89	0.2	0	45.5	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.142	-12254.89	0.2	0	37.5	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.143	-12254.89	0.2	0	39.3	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:48
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.143	-12254.88	0.2	0	43.3	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.143	-12254.88	0.2	0	29.4	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.143	-12254.88	0.2	0	39	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.145	-12254.88	0.2	0	29.3	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.146	-12254.88	0.2	0	21.6	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.149	-12254.88	0.2	0	21	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:49
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.149	-12254.88	0.2	0	11	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.148	-12254.88	0.2	0	5.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.144	-12254.89	0.2	0	2	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.144	-12254.89	0.2	0	354.6	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.147	-12254.88	0.2	0	358	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50

ATON type	Class	Type of ship	IMMSI	IMO number	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.146	-12254.88	0.2	0	3.9	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:50
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.147	-12254.88	0.1	0	17.7	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.149	-12254.88	0.2	0	7.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.15	-12254.88	0.1	0	8.1	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.151	-12254.88	0.1	0	8.6	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.152	-12254.88	0.1	0	7.7	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.152	-12254.89	0.1	0	356.7	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:51
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.154	-12254.89	0.1	0	355.1	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.153	-12254.89	0	0	354.5	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.152	-12254.89	0	0	354.5	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.152	-12254.89	0.2	0	228	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.154	-12254.89	0.3	0	220.2	Under way 22 using engine	10208.34. 3 241:9040	10208.34. 3 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN					Unknown	10208.34. 5 241:9040	10208.34. 5 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.15	-12254.89	0.3	0	218.9	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:52
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.148	-12254.89	0.3	0	210.9	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:53
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.148	-12254.89	0.3	0	204.9	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:53
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.147	-12254.88	0.3	0	203.6	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:53
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.145	-12254.88	0.3	0	204.8	Under way 21 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:53



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.144	-12254.89	0.3	0	207.8	Under way	1	241:9040	2019-04-05 21:53
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.144	-12254.89	0.3	0	209	Under way	1	241:9040	2019-04-05 21:53
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.143	-12254.89	0.3	0	207.3	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.142	-12254.89	0.3	0	209.4	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.142	-12254.89	0.3	0	212.9	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.141	-12254.89	0.3	0	213	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.14	-12254.89	0.3	0	215.7	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.14	-12254.89	0.1	0	214.8	Under way	1	241:9040	2019-04-05 21:54
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.139	-12254.89	0.1	0	206.4	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.14	-12254.89	0	0	197.8	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.14	-12254.89	0.1	0	152.1	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.138	-12254.89	0.1	0	141.2	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.89	0.2	0	135.7	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.89	0.2	0	134.3	Under way	1	241:9040	2019-04-05 21:55
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0.2	0	132.8	Under way	1	241:9040	2019-04-05 21:56
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0.2	0	136.1	Under way	1	241:9040	2019-04-05 21:56
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0.2	0	132.3	Under way	1	241:9040	2019-04-05 21:56
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.89	0.1	0	136	Under way	1	241:9040	2019-04-05 21:56

ATON type	Class	Type of ship	MMSI	IMO number	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.137	-12254.89	0.1	0	137	Under way 21 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:56
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.137	-12254.89	0.1	0	140.6	Under way 21 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:56
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.136	-12254.89	0.1	0	136.3	Under way 21 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.137	-12254.89	0	0	145.8	Under way 21 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.135	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.134	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.133	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.135	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:57
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.136	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.134	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.132	-12254.88	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.131	-12254.88	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.129	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.135	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 3 241:9040	10208.34. 3 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS CAVAN	4911.14	-12254.9	0	0	145.8	Unknown 22 using engine	10208.34. 5 241:9040	10208.34. 5 241:9040	2019-04-05 21:58
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.146	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:59
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.146	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 21:59

ATON type	Class	Type of ship	IMMSI	IMO number	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.143	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 21:59
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.141	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 21:59
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.14	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 21:59
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.14	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.14	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.14	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.136	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.133	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.133	-12254.89	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:00
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.129	-12254.9	0	0	145.8	Under way 22 using engine	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.128	-12254.89	0	0	145.8	22 Moored	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.126	-12254.89	0	0	145.8	22 Moored	10208.34. 3 241-9040	10208.34. 3 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN						10208.34. 5 241-9040	10208.34. 5 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.131	-12254.89	0	0	145.8	22 Moored	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.129	-12254.89	0	0	145.8	22 Moored	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.131	-12254.89	0	0	145.8	22 Moored	10208.34. 3 241-9040	10208.34. 3 241-9040	2019-04-05 22:01
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.133	-12254.89	0	0	145.8	22 Moored	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:02
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.134	-12254.89	0	0	145.8	22 Moored	10208.34. 1 241-9040	10208.34. 1 241-9040	2019-04-05 22:02



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN	4911.135	-12254.88	0	0	344.9	Unknown		10 208.34. 5 241.9040	2019-04-05 22:07
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.135	-12254.88	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:07
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.135	-12254.88	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.134	-12254.89	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.132	-12254.89	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.134	-12254.89	0	0	344.9	Under way 23 using engine		10 208.34. 3 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.129	-12254.89	0	0	344.9	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:08
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.134	-12254.89	0.1	0	2.5	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0	0	336.2	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.134	-12254.89	0.1	0	296.5	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.89	0.1	0	290.5	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.138	-12254.89	0.2	0	292.7	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.136	-12254.89	0.3	0	297.6	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:09
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.137	-12254.89	0.3	0	322.2	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:10
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.138	-12254.89	0.5	0	350.5	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:10
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.141	-12254.9	0.6	0	359	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:10
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.143	-12254.9	0.6	0	4.4	Under way 23 using engine		10 208.34. 1 241.9040	2019-04-05 22:10

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.145	-12254.9	0.6	0	7.8	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:10
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.146	-12254.9	0.6	0	10.8	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:10
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.147	-12254.9	0.6	0	13.8	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.151	-12254.9	0.6	0	15	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.152	-12254.9	0.6	0	20.1	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.153	-12254.89	0.6	0	20.7	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.154	-12254.89	0.6	0	21.7	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.89	0.5	0	27.6	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:11
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.89	0.5	0	30.7	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.89	0.5	0	34.2	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.89	0.5	0	38.5	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.88	0.5	0	44	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.88	0.4	0	49.3	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.88	0.3	0	63.6	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:12
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.88	0.2	0	68.6	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.88	0.2	0	79	Under way 23 using engine	10208.34. 1 241:9040		2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.88	0.2	0	83.6	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0.2	0	76.1	Under way 22 using engine	10208.34. 1 241:9040		2019-04-05 22:13

ATON type	Class	Type of ship	MMSI	IMO number	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.169	-12254.88	0.2	0	72	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.166	-12254.88	0.2	0	75.1	Under way 22 using engine	10208.34. 3 241:9040	10208.34. 3 241:9040	2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN					Unknown	10208.34. 5 241:9040	10208.34. 5 241:9040	2019-04-05 22:13
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.164	-12254.88	0.1	0	62	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.165	-12254.88	0.1	0	30.1	Under way 22 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.164	-12254.88	0.1	0	46.8	Under way 23 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.163	-12254.87	0.1	0	20.2	Under way 23 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.163	-12254.87	0.1	0	45	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.87	0.1	0	55.3	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:14
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.87	0.1	0	78.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.87	0	0	89.3	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.87	0.1	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.87	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.87	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.157	-12254.87	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:15
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.88	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:16
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.156	-12254.88	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:16
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.87	0	0	118.1	Under way 24 using engine	10208.34. 1 241:9040	10208.34. 1 241:9040	2019-04-05 22:16

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.87	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:16
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.161	-12254.87	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:16
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.163	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:16
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.163	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.156	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.162	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:17
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.163	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.168	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.168	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.88	0	0	118.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.88	0.1	0	223.1	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.156	-12254.87	0.1	0	237.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:18
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.87	0	0	237.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.88	0	0	237.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.87	0	0	237.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.153	-12254.87	0.1	0	305.2	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.149	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.148	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:19
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.148	-12254.87	0	0	308.9	Under way	10208.34.3241.9040	10208.34.3241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN	4911.152	-12254.87	0	0	308.9	Under way	10208.34.5241.9040	10208.34.5241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.152	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.154	-12254.88	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.153	-12254.88	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.153	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:20
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.155	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.156	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.157	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.163	-12254.87	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:21
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:22
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0	0	308.9	Under way	10208.34.1241.9040	10208.34.1241.9040	2019-04-05 22:22

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	ROT SOG (knts) (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:22
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.161	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:22
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:22
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.162	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:22
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.164	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.166	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.167	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.162	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.156	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:23
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:24
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:24
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:24
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:24
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.162	-12254.87	0	0	308.9	Under way	1	241:9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.88	0	0	308.9	Under way	1	241:9040	2019-04-05 22:25

ATON type	Class	Type of ship	IMMSI	IMO number	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM. mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.16	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 3 241.9040	10208.34. 3 241.9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	CAVAN					Unknown	10208.34. 5 241.9040	10208.34. 5 241.9040	2019-04-05 22:25
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:26
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:26
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:26
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:26
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.157	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.157	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.157	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.159	-12254.87	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.87	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.157	-12254.88	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:27
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS	4911.158	-12254.87	0	0	308.9	Under way 24 using engine	10208.34. 1 241.9040	10208.34. 1 241.9040	2019-04-05 22:28

ATON type	Class	Type of ship	IMMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	SOG (knts)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.87	0	0	308.9		Under way		10 208.34. 1 241.9040	2019-04-05 22:28
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.161	-12254.87	0	0	308.9		Under way		10 208.34. 1 241.9040	2019-04-05 22:28
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.158	-12254.87	0.1	0	349.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:28
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.151	-12254.87	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:28
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.148	-12254.87	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:28
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.154	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.16	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29
Unknown	CA	Cargo ship Carrying DG, HS, or MP, IMO hazard or pollutant category A	477904300	9200811	VRMU9	OAKLAND EXPRESS		4911.159	-12254.88	0	0	347.7		Under way		10 208.34. 1 241.9040	2019-04-05 22:29

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.644	-12255.41	3.6	-731.4	25	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.651	-12255.4	3.5	-731.4	25.9	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.66	-12255.4	3.4	-731.4	26.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.67	-12255.39	3.3	-731.4	26.8	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.677	-12255.38	3.2	-731.4	27.8	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.685	-12255.38	3.2	-731.4	27.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.693	-12255.37	3.4	-731.4	28.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.702	-12255.37	3.5	-731.4	28.9	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.71	-12255.36	3.6	-731.4	27.6	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.721	-12255.35	3.6	-731.4	26.5	511 Not defined	3	241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.729	-12255.35	3.7	-731.4	25.3	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.738	-12255.34	3.7	-731.4	26.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.747	-12255.34	3.6	-731.4	27.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY							Unknown	5	241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.756	-12255.33	3.5	-731.4	27.5	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.765	-12255.32	3.4	-731.4	26.9	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.776	-12255.32	3.2	-731.4	27.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.783	-12255.31	3.2	-731.4	25.8	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.791	-12255.3	3	-731.4	26.6	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.797	-12255.3	3	-731.4	26	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.806	-12255.29	2.8	-731.4	28	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.812	-12255.29	2.8	-731.4	25.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.818	-12255.28	2.7	-731.4	26.8	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	KOOTENAY		4910.824	-12255.28	2.6	-731.4	27.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:33

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.835	-12255.27	2.4	-731.4	25.3	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.841	-12255.26	2.3	-731.4	25.7	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.847	-12255.26	2.2	-731.4	25.9	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.854	-12255.25	2.1	-731.4	24.1	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.858	-12255.25	2.1	-731.4	25.2	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.866	-12255.25	2	-731.4	25	511 Not defined	1	241:9040	2019-04-05 21:34
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.87	-12255.24	2	-731.4	27.5	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.875	-12255.24	2.2	-731.4	26.3	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.881	-12255.24	2.3	-731.4	22.6	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.886	-12255.23	2.4	-731.4	23.4	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.89	-12255.22	2.5	-731.4	22.4	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.896	-12255.22	2.7	-731.4	21.9	511 Not defined	1	241:9040	2019-04-05 21:35
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.904	-12255.21	2.6	-731.4	16.8	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.91	-12255.21	2.7	-731.4	13.6	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.918	-12255.21	2.8	-731.4	11.8	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.925	-12255.21	2.8	-731.4	14.7	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.933	-12255.2	2.8	-731.4	16.8	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.94	-12255.2	2.9	-731.4	20.3	511 Not defined	1	241:9040	2019-04-05 21:36
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.947	-12255.19	2.9	-731.4	23.7	511 Not defined	1	241:9040	2019-04-05 21:37
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.953	-12255.18	3.1	-731.4	24.8	511 Not defined	1	241:9040	2019-04-05 21:37
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.96	-12255.18	3.1	-731.4	25.6	511 Not defined	3	241:9040	2019-04-05 21:37
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.968	-12255.17	3.1	-731.4	27.7	511 Not defined	1	241:9040	2019-04-05 21:37
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.975	-12255.16	3.1	-731.4	31.6	511 Not defined	1	241:9040	2019-04-05 21:37
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.983	-12255.16	3	-731.4	34.6	511 Not defined	1	241:9040	2019-04-05 21:37

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmmm)	SOG (knts)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.99	-12255.15	2.9	-731.4	36.9	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY								Unknown	5	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4910.995	-12255.14	2.8	-731.4	38.2	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.001	-12255.13	2.7	-731.4	38.9	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.006	-12255.13	2.7	-731.4	40.3	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.011	-12255.12	2.6	-731.4	41.1	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.018	-12255.11	2.5	-731.4	40.3	511	Not defined	1	241:9040	2019-04-05 21:38
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.024	-12255.1	2.5	-731.4	41.2	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.028	-12255.09	2.5	-731.4	40.3	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.034	-12255.09	2.4	-731.4	40.7	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.039	-12255.08	2.4	-731.4	40.7	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.044	-12255.08	2.3	-731.4	41	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.049	-12255.07	2.3	-731.4	40.3	511	Not defined	1	241:9040	2019-04-05 21:39
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.056	-12255.06	3.9	-731.4	21	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.063	-12255.06	2	-731.4	43.3	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.069	-12255.05	2.6	-731.4	41.6	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.073	-12255.05	2.4	-731.4	47.5	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.077	-12255.04	1.9	-731.4	56.1	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.079	-12255.03	1.6	-731.4	61.8	511	Not defined	1	241:9040	2019-04-05 21:40
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.08	-12255.03	1.3	-731.4	68.7	511	Not defined	1	241:9040	2019-04-05 21:41
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.081	-12255.02	1.3	-731.4	72.2	511	Not defined	1	241:9040	2019-04-05 21:41
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.083	-12255.02	1	-731.4	76.6	511	Not defined	1	241:9040	2019-04-05 21:41
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.084	-12255.01	1.5	-731.4	73.1	511	Not defined	1	241:9040	2019-04-05 21:41
Unknown CA	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		49111.084	-12255	1.3	-731.4	83.1	511	Not defined	1	241:9040	2019-04-05 21:41

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.085	-12255	1	-731.4	79.4	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:41
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.085	-12254.99	1.7	-731.4	94.9	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.086	-12254.99	0.8	-731.4	71	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.087	-12254.99	0.8	-731.4	73.1	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.087	-12254.99	1.1	-731.4	105.5	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.087	-12254.98	1.3	-731.4	62.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.087	-12254.98	0.9	-731.4	64.5	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:42
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.089	-12254.97	1.1	-731.4	47.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.09	-12254.97	0.9	-731.4	61.9	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.09	-12254.96	0.6	-731.4	55.5	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.093	-12254.96	0.9	-731.4	57	511 Not defined	3	3 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.095	-12254.95	0.7	-731.4	51.5	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.097	-12254.95	0.7	-731.4	53.4	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:43
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.1	-12254.96	0.9	-731.4	45.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY							Unknown	5	5 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.102	-12254.95	1.1	-731.4	41.3	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.102	-12254.95	0.8	-731.4	40	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.103	-12254.94	0.6	-731.4	49.4	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.103	-12254.94	0.5	-731.4	52.2	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.105	-12254.94	0.9	-731.4	47.1	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:44
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.106	-12254.94	0.9	-731.4	47.3	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:45
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.106	-12254.93	0.7	-731.4	47.7	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:45
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.108	-12254.93	0.6	-731.4	32.4	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:45
Unknown	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.112	-12254.92	0.7	-731.4	61.1	511 Not defined	1	1 241:9040 10.208.34.	2019-04-05 21:45



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.115	-12254.92	1	-731.4	44.5	511 Not defined	1	241:9040	2019-04-05 21:45
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.115	-12254.92	0.6	-731.4	57.5	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.117	-12254.92	0.5	-731.4	53.1	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.119	-12254.92	0.6	-731.4	46.6	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.112	-12254.92	0.6	-731.4	47	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.121	-12254.92	0.6	-731.4	43.9	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.123	-12254.91	1.5	-731.4	25.6	511 Not defined	1	241:9040	2019-04-05 21:46
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.123	-12254.91	0.5	-731.4	48.3	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.125	-12254.91	0.4	-731.4	52.1	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.127	-12254.91	0.5	-731.4	45.4	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.126	-12254.91	0.6	-731.4	34.8	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.126	-12254.9	0.4	-731.4	45.5	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.125	-12254.9	0.4	-731.4	45.5	511 Not defined	1	241:9040	2019-04-05 21:47
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.124	-12254.9	0.4	-731.4	55.9	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.126	-12254.9	0.2	-731.4	344.9	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.113	-12254.91	0.5	-731.4	5	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.135	-12254.91	1	-731.4	11.8	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.137	-12254.9	1.6	-731.4	16.8	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.139	-12254.9	1.2	-731.4	20.9	511 Not defined	1	241:9040	2019-04-05 21:48
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.139	-12254.9	0.2	-731.4	28.4	511 Not defined	1	241:9040	2019-04-05 21:49
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.139	-12254.9	0.2	-731.4	33.6	511 Not defined	1	241:9040	2019-04-05 21:49
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.139	-12254.9	0.3	-731.4	36.2	511 Not defined	3	241:9040	2019-04-05 21:49
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.14	-12254.9	0.1	-731.4	49.8	511 Not defined	1	241:9040	2019-04-05 21:49
Unknown CA	CA	Tug	3.16E+08	0 available	Not	KOOTENAY		4911.14	-12254.9	0.1	-731.4	36.2	511 Not defined	1	241:9040	2019-04-05 21:49

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mm)	Longitude (DDMM.m mmmm)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.14	-12254.9	0.2	-731.4	28.4	511 Not defined	1	1 241:9040	2019-04-05 21:49
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.14	-12254.9	0.2	-731.4	64	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY							Unknown	5	5 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.139	-12254.9	0.2	-731.4	35.6	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.141	-12254.89	3	-731.4	58.4	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.14	-12254.89	0.6	-731.4	101.6	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.142	-12254.89	0.4	-731.4	87	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.143	-12254.9	1.1	-731.4	37.9	511 Not defined	1	1 241:9040	2019-04-05 21:50
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.144	-12254.9	0.5	-731.4	325.7	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.144	-12254.9	0.3	-731.4	318.4	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.145	-12254.9	0.6	-731.4	325.4	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.145	-12254.9	0.4	-731.4	352.5	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.145	-12254.9	0.3	-731.4	336.3	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.144	-12254.9	0.1	-731.4	304.6	511 Not defined	1	1 241:9040	2019-04-05 21:51
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.145	-12254.9	0.2	-731.4	308.5	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.145	-12254.9	0.2	-731.4	295.9	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.144	-12254.9	0.7	-731.4	352.6	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.144	-12254.9	0.2	-731.4	49.9	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.143	-12254.9	0.2	-731.4	119.3	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.142	-12254.9	0.3	-731.4	158.4	511 Not defined	1	1 241:9040	2019-04-05 21:52
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.143	-12254.9	0.4	-731.4	186.4	511 Not defined	1	1 241:9040	2019-04-05 21:53
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.143	-12254.9	1	-731.4	216.3	511 Not defined	1	1 241:9040	2019-04-05 21:53
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.141	-12254.9	0.6	-731.4	188.3	511 Not defined	1	1 241:9040	2019-04-05 21:53
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.139	-12254.9	0.5	-731.4	207.1	511 Not defined	1	1 241:9040	2019-04-05 21:53

ATON type	Class	Type of ship	IMOShip number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.138	-12254.9	0.5	-731.4	199.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:53
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.137	-12254.91	0.3	-731.4	207	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:53
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.137	-12254.91	0.1	-731.4	222.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:54
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.136	-12254.91	0.7	-731.4	228.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:54
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.135	-12254.91	0.1	-731.4	229	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:54
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.135	-12254.9	0.6	-731.4	180.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:54
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.134	-12254.91	0.2	-731.4	209.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:54
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.134	-12254.91	0.1	-731.4	201.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	0.1	-731.4	198.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	0.2	-731.4	188.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	0.1	-731.4	178.5	511 Not defined	3	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	0.3	-731.4	151.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	0.5	-731.4	161	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:55
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	2	-731.4	219.7	511 Not defined	5	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.132	-12254.91	0.4	-731.4	258.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.13	-12254.9	1.1	-731.4	147.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.131	-12254.91	0.6	-731.4	338.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.129	-12254.91	0.3	-731.4	77.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.129	-12254.9	0.2	-731.4	108.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:56
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.129	-12254.9	0.2	-731.4	118.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.129	-12254.9	0.2	-731.4	112.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.13	-12254.9	0.1	-731.4	85.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57

ATON type	Class	Type of ship	IMOShip number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	88.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	105.1	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0	-731.4	112.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:57
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	115.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	120.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	120.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	119.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	122.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	126.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:58
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	127.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	125.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	124.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	126.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	126.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.2	-731.4	121.1	511 Not defined	1	241:9040.10.208.34.	2019-04-05 21:59
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	89.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	100	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	117.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	121.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	120.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	118.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:00
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	112.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:01
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	116.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:01
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	116.2	511 Not defined	3	241:9040.10.208.34.	2019-04-05 22:01

ATON type	Class	Type of ship	IMOShip number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	118.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:01
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	118	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:01
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0.1	-731.4	120.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:01
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	116.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:02
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	119.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:02
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	121.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:02
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	121.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:02
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	119.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:02
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.9	0	-731.4	117.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:03
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0	-731.4	117.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:03
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0.1	-731.4	121	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:03
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.91	0	-731.4	120.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:03
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.91	0.1	-731.4	131.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:03
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.91	0	-731.4	135.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:04
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.91	0	-731.4	135.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:04
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.91	0	-731.4	139.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:04
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0	-731.4	145.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:04
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0	-731.4	149.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:04
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0.1	-731.4	157	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:05
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.9	0	-731.4	157.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:05

ATON type	Class	Type of ship	IMOShip number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0	-731.4	159.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:05
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0.1	-731.4	163.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:05
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0	-731.4	165.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:05
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0.1	-731.4	170.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0	-731.4	175.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.91	0	-731.4	179.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.91	0	-731.4	182.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.129	-12254.91	0	-731.4	183.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.125	-12254.9	0.1	-731.4	186.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:06
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.124	-12254.89	0	-731.4	189.7	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.124	-12254.89	0	-731.4	189.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.125	-12254.89	0	-731.4	190.1	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.126	-12254.89	0	-731.4	193.2	511 Not defined	3	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.127	-12254.89	0	-731.4	195.9	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.127	-12254.9	0.4	-731.4	225.8	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:07
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.127	-12254.9	0.1	-731.4	285.5	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0.3	-731.4	307.1	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0.2	-731.4	344.4	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.128	-12254.9	0.5	-731.4	312.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0.2	-731.4	279.2	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0.7	-731.4	265.6	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:08
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0.4	-731.4	269	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:09
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.13	-12254.91	0.6	-731.4	264.3	511 Not defined	1	241:9040.10.208.34.	2019-04-05 22:09

ATON type	Class	Type of ship	IMOShip number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True COG (deg)	Heading	Status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.13	-12254.91	0.4	-731.4	274.1	276	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:09
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.129	-12254.91	0.5	-731.4	276	276	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:09
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.13	-12254.91	0.4	-731.4	288.2	288.2	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:09
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.13	-12254.91	0.3	-731.4	292.1	292.1	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:09
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.131	-12254.91	0.4	-731.4	306	306	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.133	-12254.91	1.1	-731.4	39.6	39.6	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.134	-12254.91	0.7	-731.4	15.6	15.6	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.135	-12254.91	0.4	-731.4	10.1	10.1	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.136	-12254.91	0.5	-731.4	7.8	7.8	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.137	-12254.91	0.3	-731.4	9.6	9.6	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:10
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.139	-12254.91	0.9	-731.4	15	15	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.141	-12254.91	0.7	-731.4	17.1	17.1	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.142	-12254.91	0.5	-731.4	18.3	18.3	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.143	-12254.9	0.6	-731.4	18.9	18.9	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.145	-12254.9	0.9	-731.4	21.9	21.9	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.146	-12254.9	0.5	-731.4	25.5	25.5	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:11
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.147	-12254.9	0.6	-731.4	28.9	28.9	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.148	-12254.9	0.3	-731.4	34.4	34.4	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.149	-12254.9	0.4	-731.4	37.6	37.6	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.15	-12254.9	0.2	-731.4	42	42	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.15	-12254.9	0.2	-731.4	53.1	53.1	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.15	-12254.9	0.2	-731.4	64.7	64.7	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:12
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.15	-12254.9	0.2	-731.4	75.9	75.9	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:13
Unknown	CA	Tug	3.16E+08	0 available	Not available	COOTENAY	4911.152	-12254.9	0.6	-731.4	52.6	52.6	511 Not defined	1 241:9040	10.208.34	2019-04-05 22:13

ATON type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading (deg)	COG (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.153	-12254.9	0.6	-731.4	335.2	511	Not defined	3	241:9040 10.208.34.	2019-04-05 22:13
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.9	1	-731.4	49.9	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:13
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.9	0.9	-731.4	58.5	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:13
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.9	1.3	-731.4	138.2	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:13
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.153	-12254.89	0.6	-731.4	143.6	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:14
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.5	-731.4	60.4	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:14
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.1	-731.4	54.8	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:14
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.155	-12254.89	0.1	-731.4	59.2	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:14
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.1	-731.4	59.9	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.155	-12254.89	0.1	-731.4	72.9	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.1	-731.4	92.4	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.3	-731.4	139	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	147.9	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	157.8	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:15
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.155	-12254.89	0.1	-731.4	168.1	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	174	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	181	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.154	-12254.89	0.1	-731.4	176.9	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	173.7	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.151	-12254.89	0.1	-731.4	173.8	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:16
Unknown	CA	Tug	3.16E+08	Not available	KOOTENAY		4911.151	-12254.89	0.1	-731.4	180.5	511	Not defined	1	241:9040 10.208.34.	2019-04-05 22:17



ATON type	Class	Type of ship	MMSL	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True COG (deg)	Heading status	Navgational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	183.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0	-731.4	186	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0.1	-731.4	187.1	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	185.8	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0	-731.4	190.2	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	196.1	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	197.6	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	197.1	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	197.8	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0.1	-731.4	201.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	206.2	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0	-731.4	208.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0	-731.4	209.6	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	212	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	218.7	511 Not defined	511 Not defined	3	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0	-731.4	220.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.156	-12254.89	0.1	-731.4	219.5	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	222.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	223.4	511 Not defined	Unknown	5	241:9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	225.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	224.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	227.8	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	230.9	511 Not defined	511 Not defined	1	241:9040	2019-04-05 22:20

ATON type	Class	Type of ship	MMSL	IMO number	Call sign	Name	Destination	Latitude (DDMM.m DDMM.m)	Longitude (DDMM.m mmmm)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	232.9	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	237.6	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	239.5	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	240.6	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	240.4	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	241.5	511 Not defined	1	241:9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	242.5	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	242.3	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0.1	-731.4	243.3	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0.1	-731.4	244.4	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.151	-12254.89	0	-731.4	243.1	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	239.1	511 Not defined	1	241:9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	237.3	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	239.8	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	237.7	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	233.6	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	232.8	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0.1	-731.4	230.1	511 Not defined	1	241:9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	232.8	511 Not defined	1	241:9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.151	-12254.89	0	-731.4	231.1	511 Not defined	1	241:9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.151	-12254.89	0	-731.4	232.7	511 Not defined	1	241:9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.151	-12254.89	0	-731.4	235.3	511 Not defined	1	241:9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	235.2	511 Not defined	1	241:9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	233.3	511 Not defined	1	241:9040	2019-04-05 22:21

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m DDMM.m)	Longitude (DDMM.m mmmm)	SOG (knts)	ROT (deg/mn)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	233.6	511 Not defined	1	241:9040	2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.15	-12254.88	0	-731.4	233.5	511 Not defined	3	241:9040	2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.149	-12254.89	0.1	-731.4	234.7	511 Not defined	10.208.34.		2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.149	-12254.89	0	-731.4	236.9	511 Not defined	1	241:9040	2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.15	-12254.89	0	-731.4	237.8	511 Not defined	10.208.34.		2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.15	-12254.89	0	-731.4	239.3	511 Not defined	1	241:9040	2019-04-05 22:25
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.151	-12254.89	0.1	-731.4	237.2	511 Not defined	1	241:9040	2019-04-05 22:26
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	215.9	511 Not defined	1	241:9040	2019-04-05 22:26
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	214.6	511 Not defined	10.208.34.		2019-04-05 22:26
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	214.8	511 Not defined	1	241:9040	2019-04-05 22:26
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	217	511 Not defined	1	241:9040	2019-04-05 22:26
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.154	-12254.89	0	-731.4	216.9	511 Not defined	10.208.34.		2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	216.6	511 Not defined	1	241:9040	2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0.1	-731.4	216.6	511 Not defined	10.208.34.		2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.153	-12254.89	0	-731.4	217.3	511 Not defined	1	241:9040	2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0	-731.4	218.3	511 Not defined	1	241:9040	2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0.1	-731.4	216.8	511 Not defined	1	241:9040	2019-04-05 22:27
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.152	-12254.89	0.1	-731.4	212.3	511 Not defined	1	241:9040	2019-04-05 22:28
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.157	-12254.89	0	-731.4	211.2	511 Not defined	1	241:9040	2019-04-05 22:28
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.158	-12254.9	0	-731.4	216.2	511 Not defined	1	241:9040	2019-04-05 22:28
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.157	-12254.9	0	-731.4	218.9	511 Not defined	1	241:9040	2019-04-05 22:28
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.156	-12254.9	0	-731.4	219.1	511 Not defined	1	241:9040	2019-04-05 22:28
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY		4911.155	-12254.89	0	-731.4	225.2	511 Not defined	1	241:9040	2019-04-05 22:28

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmmm)	Longitude (DDMM. mmmm)	SOG (knts)	ROT (deg/min)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.154	-12254.89	0	-731.4	230	511	Not defined	1	241:9040	2019-04-05 22:29
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.152	-12254.89	0.1	-731.4	237.1	511	Not defined	1	241:9040	2019-04-05 22:29
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.148	-12254.88	0	-731.4	234.3	511	Not defined	1	241:9040	2019-04-05 22:29
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.147	-12254.88	0	-731.4	237.7	511	Not defined	1	241:9040	2019-04-05 22:29
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.147	-12254.88	0	-731.4	241.7	511	Not defined	1	241:9040	2019-04-05 22:29
Unknown	CA	Tug	3.16E+08	0	Not available	KOOTENAY	4911.148	-12254.88	0	-731.4	243.8	511	Not defined	1	241:9040	2019-04-05 22:29

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m mmm)	Longitude (DDMM.m mmm)	SOG (knts)	ROT (deg/min)	COG (deg)	True heading	Navigational status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.72	-12255.3516	3.7	-731.4	25.5	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.73	-12255.3447	3.6	-731.4	26	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.737	-12255.3398	3.6	-731.4	26.9	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.747	-12255.333	3.4	-731.4	27.7	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.754	-12255.3271	3.2	-731.4	27.2	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.761	-12255.3242	3	-731.4	27.5	511	Not defined	1	241:9040	2019-04-05 21:30
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.769	-12255.3193	3.1	-731.4	26.7	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.778	-12255.3135	3.5	-731.4	26.6	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.786	-12255.3066	3.5	-731.4	26.8	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.796	-12255.2988	3.6	-731.4	26.5	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.805	-12255.292	3.6	-731.4	27.1	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.814	-12255.2842	3.7	-731.4	27.3	511	Not defined	1	241:9040	2019-04-05 21:31
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.824	-12255.2754	3.7	-731.4	26.1	511	Not defined	1	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.835	-12255.2676	3.5	-731.4	26.8	511	Not defined	1	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.84	-12255.2646	3.4	-731.4	26.5	511	Not defined	3	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.849	-12255.2588	3.3	-731.4	26.7	511	Not defined	1	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.857	-12255.249	3.2	-731.4	26.3	511	Not defined	1	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.865	-12255.2461	3.1	-731.4	26	511	Not defined	1	241:9040	2019-04-05 21:32
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.874	-12255.2393	3	-731.4	26.5	511	Not defined	1	241:9040	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.881	-12255.2324	3	-731.4	26.4	511	Not defined	5	241:9040	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.888	-12255.2256	2.8	-731.4	26.3	511	Not defined	1	241:9040	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.894	-12255.2168	2.9	-731.4	26.1	511	Not defined	1	241:9040	2019-04-05 21:33
Unknown	CA	Tug	3.16E+08		Not available	SHUSWAP		4910.901	-12255.2129	2.9	-731.4	25.7	511	Not defined	1	241:9040	2019-04-05 21:33

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.916	-12255.2031	4910.921	2.2	-731.4	27.2	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:34
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.928	-12255.1953	4910.934	2.2	-731.4	25.8	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:34
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.934	-12255.1914	4910.944	2.2	-731.4	24.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:34
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.944	-12255.1875	4910.949	2	-731.4	26	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:34
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.949	-12255.1816	4910.953	1.9	-731.4	25.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.953	-12255.1797	4910.958	2	-731.4	25.5	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.958	-12255.1748	4910.965	2.2	-731.4	24.3	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.965	-12255.1689	4910.971	2.3	-731.4	25	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.971	-12255.1641	4910.978	2.5	-731.4	24.8	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.978	-12255.1592	4910.985	2.5	-731.4	25.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:35
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.985	-12255.1553	4910.992	2.6	-731.4	24.8	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.992	-12255.1504	4910.998	2.7	-731.4	28.3	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4910.998	-12255.1455	4911.004	2.7	-731.4	30.3	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.004	-12255.1396	4911.01	2.8	-731.4	33.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.01	-12255.1328	4911.015	2.8	-731.4	33.5	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.015	-12255.1211	4911.023	2.9	-731.4	35	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:36
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.023	-12255.1094	4911.029	2.9	-731.4	37.2	511	Not defined	3 241.9040 10.208.34.	2019-04-05 21:37
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.029	-12255.1064	4911.036	3	-731.4	38.3	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:37
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.036	-12255.1006	4911.042	3	-731.4	39	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:37
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.042	-12255.0977	4911.047	3.1	-731.4	40.7	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:37
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.047	-12255.0869	4911.055	3.1	-731.4	41.6	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:37
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.055	-12255.085		3	-731.4	43.6	511	Not defined	1 241.9040 10.208.34.	2019-04-05 21:37

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.062	-12255.0693	4911.067	2.8	-731.4	42.2	511	Not defined	1 241.9040	2019-04-05 21:38
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.074	-12255.0518	4911.081	2.7	-731.4	41.7	511	Not defined	1 241.9040	2019-04-05 21:38
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.086	-12255.0371	4911.091	2.6	-731.4	40.9	511	Not defined	1 241.9040	2019-04-05 21:38
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.096	-12255.0205	4911.107	2.5	-731.4	39.1	511	Not defined	5 241.9040	2019-04-05 21:39
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.101	-12255.0137	4911.113	2.5	-731.4	38.1	511	Not defined	1 241.9040	2019-04-05 21:39
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.107	-12255.0068	4911.112	2.4	-731.4	37.4	511	Not defined	1 241.9040	2019-04-05 21:39
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.113	-12255	4911.127	2.3	-731.4	40.1	511	Not defined	1 241.9040	2019-04-05 21:39
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.133	-12254.9805	4911.141	2.3	-731.4	42.2	511	Not defined	1 241.9040	2019-04-05 21:40
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.136	-12254.9727	4911.147	2.6	-731.4	43.5	511	Not defined	1 241.9040	2019-04-05 21:40
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.141	-12254.9629	4911.151	2.4	-731.4	47.8	511	Not defined	1 241.9040	2019-04-05 21:40
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.155	-12254.9453	4911.158	1.6	-731.4	45.1	511	Not defined	1 241.9040	2019-04-05 21:41
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.159	-12254.9375	4911.161	1.1	-731.4	48.2	511	Not defined	1 241.9040	2019-04-05 21:41
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.163	-12254.9316	4911.165	1.3	-731.4	52.4	511	Not defined	1 241.9040	2019-04-05 21:41
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.163	-12254.9258	4911.165	1.2	-731.4	54.7	511	Not defined	1 241.9040	2019-04-05 21:41
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.165	-12254.9219	4911.165	1	-731.4	57.9	511	Not defined	1 241.9040	2019-04-05 21:41

ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.166	-12254.9199	1.1	-731.4	58.8	511	Not defined	1	241.9040	2019-04-05 21:41
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.168	-12254.9199	1.2	-731.4	62.7	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.167	-12254.9141	0.8	-731.4	72.4	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.168	-12254.9102	1.2	-731.4	55.9	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.17	-12254.9053	0.7	-731.4	54.6	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.171	-12254.8994	0.9	-731.4	52.3	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.173	-12254.8975	1.3	-731.4	47.1	511	Not defined	1	241.9040	2019-04-05 21:42
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.178	-12254.8936	0.9	-731.4	46	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.18	-12254.8936	0.7	-731.4	45.8	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.182	-12254.8916	0.7	-731.4	45	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.183	-12254.8867	0.8	-731.4	43	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.185	-12254.8818	0.7	-731.4	41.1	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.186	-12254.8799	0.7	-731.4	40.6	511	Not defined	1	241.9040	2019-04-05 21:43
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.188	-12254.8809	0.6	-731.4	38.1	511	Not defined	1	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.191	-12254.8799	0.7	-731.4	38.4	511	Not defined	1	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.192	-12254.8779	0.7	-731.4	37.9	511	Not defined	3	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.194	-12254.876	0.9	-731.4	37.9	511	Not defined	1	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.193	-12254.873	0.6	-731.4	39.9	511	Not defined	1	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.195	-12254.8721	0.8	-731.4	38.6	511	Not defined	1	241.9040	2019-04-05 21:44
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.196	-12254.8691	0.7	-731.4	38.2	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.198	-12254.8672	0.7	-731.4	38	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.2	-12254.8672	0.6	-731.4	41.5	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.202	-12254.8672	0.7	-731.4	32.9	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.202	-12254.8672	0.7	-731.4	32.9	511	Not defined	1	241.9040	2019-04-05 21:45



ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.205	-12254.8652	0.8	-731.4	40	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.207	-12254.8662	0.6	-731.4	40	511	Not defined	1	241.9040	2019-04-05 21:45
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.21	-12254.8672	0.7	-731.4	39.1	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.211	-12254.8652	0.7	-731.4	37.3	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.213	-12254.8633	0.7	-731.4	36.8	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8613	0.8	-731.4	37.8	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.216	-12254.8604	0.6	-731.4	38.6	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8594	0.7	-731.4	37.8	511	Not defined	1	241.9040	2019-04-05 21:46
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.218	-12254.8555	0.7	-731.4	37.2	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.22	-12254.8535	0.7	-731.4	38.6	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.221	-12254.8525	0.8	-731.4	40.4	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.223	-12254.8516	0.4	-731.4	47.6	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.223	-12254.8496	0.2	-731.4	60.1	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.223	-12254.8477	0.2	-731.4	58.6	511	Not defined	1	241.9040	2019-04-05 21:47
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.223	-12254.8457	0.2	-731.4	64.6	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.222	-12254.8477	1.5	-731.4	4.3	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.225	-12254.8477	1.6	-731.4	318.4	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.226	-12254.8486	1.7	-731.4	5.2	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.229	-12254.8477	0.3	-731.4	22.2	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.23	-12254.8477	0.2	-731.4	32	511	Not defined	1	241.9040	2019-04-05 21:48
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.8467	0.4	-731.4	24.7	511	Not defined	1	241.9040	2019-04-05 21:49
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.8428	0.2	-731.4	24.6	511	Not defined	1	241.9040	2019-04-05 21:49
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.232	-12254.8398	0.1	-731.4	26.9	511	Not defined	1	241.9040	2019-04-05 21:49
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.23	-12254.8359	2	-731.4	262.1	511	Not defined	1	241.9040	2019-04-05 21:49

ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.226	-12254.835	1.4	-731.4	187.9	511	Not defined	1	241.9040	2019-04-05 21:49
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.225	-12254.8359	0.1	-731.4	193.9	511	Not defined	1	241.9040	2019-04-05 21:49
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.226	-12254.8379	0.5	-731.4	154.1	511	Not defined	1	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8369	0.3	-731.4	80.3	511	Not defined	1	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.228	-12254.8379	0.2	-731.4	57.2	511	Not defined	1	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.228	-12254.8379	0.2	-731.4	45.7	511	Not defined	3	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8389	0.2	-731.4	37	511	Not defined	1	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.224	-12254.8369	0.5	-731.4	69.4	511	Not defined	1	241.9040	2019-04-05 21:50
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.225	-12254.8369	0.3	-731.4	90.1	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.226	-12254.8389	0.1	-731.4	76.3	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8398	0.1	-731.4	64.4	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8408	0.2	-731.4	39.7	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.229	-12254.8398	0.1	-731.4	49.9	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.23	-12254.8408	0.1	-731.4	35.2	511	Not defined	1	241.9040	2019-04-05 21:51
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.23	-12254.8418	0.3	-731.4	29.9	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.8447	0.4	-731.4	28.9	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.8428	0.4	-731.4	24.4	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.23	-12254.8408	0.2	-731.4	14.5	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.229	-12254.8428	0.5	-731.4	302.9	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8457	0.3	-731.4	255.7	511	Not defined	1	241.9040	2019-04-05 21:52
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8477	0.6	-731.4	236.7	511	Not defined	1	241.9040	2019-04-05 21:53
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8467	0.3	-731.4	236.6	511	Not defined	1	241.9040	2019-04-05 21:53
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.227	-12254.8438	0.2	-731.4	223.4	511	Not defined	1	241.9040	2019-04-05 21:53

ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.224	-12254.8438	0.1	-731.4	224.6	511	Not defined	1	241.9040	2019-04-05 21:53
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.222	-12254.8438	0.4	-731.4	224.3	511	Not defined	1	241.9040	2019-04-05 21:53
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.222	-12254.8446	0.3	-731.4	221.1	511	Not defined	1	241.9040	2019-04-05 21:53
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.22	-12254.8506	0.3	-731.4	223.9	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.218	-12254.8535	1.7	-731.4	217.1	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.216	-12254.8506	0.1	-731.4	218.1	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8506	0.3	-731.4	209.1	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.216	-12254.8525	0.3	-731.4	207.1	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.221	-12254.8604	0.1	-731.4	192.2	511	Not defined	1	241.9040	2019-04-05 21:54
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.22	-12254.8555	0.1	-731.4	180.1	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.219	-12254.8545	0.2	-731.4	171.7	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.218	-12254.8535	0.2	-731.4	161.3	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.218	-12254.8525	0.2	-731.4	153.1	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8535	0.1	-731.4	156	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8535	0.2	-731.4	160.8	511	Not defined	1	241.9040	2019-04-05 21:55
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.216	-12254.8535	0.4	-731.4	163	511	Not defined	1	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8555	0.1	-731.4	158.3	511	Not defined	1	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.216	-12254.8525	0.3	-731.4	165.3	511	Not defined	3	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8535	0.3	-731.4	173.4	511	Not defined	1	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8496	0.4	-731.4	144.2	511	Not defined	1	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8477	0.2	-731.4	117.5	511	Not defined	1	241.9040	2019-04-05 21:56
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8467	0.1	-731.4	100	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8457	0.2	-731.4	93.9	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8457	0.2	-731.4	93.9	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8457	0.2	-731.4	93.9	511	Not defined	1	241.9040	2019-04-05 21:57

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.213	-12254.8447	0.1	-731.4	103	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.214	-12254.8477	0.1	-731.4	117.6	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.216	-12254.8486	0	-731.4	122.4	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.222	-12254.8516	0.1	-731.4	128.6	511	Not defined	1	241.9040	2019-04-05 21:57
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.222	-12254.8545	0	-731.4	135.8	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.215	-12254.8506	0.1	-731.4	132.1	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.214	-12254.8506	0	-731.4	128.2	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.214	-12254.8477	0	-731.4	122.7	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.211	-12254.8447	0	-731.4	118.7	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.21	-12254.8408	0	-731.4	116.2	511	Not defined	1	241.9040	2019-04-05 21:58
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.21	-12254.8379	0	-731.4	112.5	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.21	-12254.8379	0	-731.4	108.4	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.211	-12254.8389	0.1	-731.4	104.3	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.217	-12254.8438	0.1	-731.4	109.8	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.214	-12254.8418	0	-731.4	113.5	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.211	-12254.8389	0	-731.4	113.6	511	Not defined	1	241.9040	2019-04-05 21:59
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.21	-12254.8379	0	-731.4	116.4	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.212	-12254.8389	0.1	-731.4	113.3	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.215	-12254.8428	0.1	-731.4	113.8	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.208	-12254.8369	0	-731.4	116.8	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.206	-12254.8379	0	-731.4	113.9	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.205	-12254.8389	0	-731.4	112.1	511	Not defined	1	241.9040	2019-04-05 22:00
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.205	-12254.8398	0	-731.4	106.8	511	Not defined	1	241.9040	2019-04-05 22:01
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP	4911.205	-12254.8398	0	-731.4	101.2	511	Not defined	1	241.9040	2019-04-05 22:01

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.204	-12254.8408	0	-731.4	95.7	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:01
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.206	-12254.8408	0.1	-731.4	95.6	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:01
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.208	-12254.8408	0.1	-731.4	93.5	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:01
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8398	0	-731.4	93.3	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:01
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8398	0	-731.4	92.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8379	0	-731.4	90.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.211	-12254.8379	0.1	-731.4	90	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8379	0	-731.4	89	511	Not defined	3 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.208	-12254.8359	0	-731.4	88.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.208	-12254.8359	0.1	-731.4	84.7	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:02
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.209	-12254.8359	0	-731.4	80.7	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.213	-12254.8379	0	-731.4	82.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.213	-12254.8398	0	-731.4	86.4	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.215	-12254.8398	0	-731.4	86.9	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.213	-12254.8408	0	-731.4	89.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.214	-12254.8418	0	-731.4	90.7	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:03
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.214	-12254.8428	0.1	-731.4	86.8	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.213	-12254.8428	0	-731.4	86.8	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.212	-12254.8428	0	-731.4	89.5	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.211	-12254.8428	0	-731.4	88.9	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8398	0.1	-731.4	87.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.209	-12254.8408	0	-731.4	84.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:04
Unknown	CA		Tug	3.16E+08		Not available	SHUSWAP		4911.21	-12254.8418	0	-731.4	89.1	511	Not defined	1 241.9040 10.208.34.	2019-04-05 22:05

ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.211	-12254.8428	0	-731.4	88.7	511	Not defined	1	241.9040	2019-04-05 22:05
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.211	-12254.8428	0	-731.4	92.1	511	Not defined	1	241.9040	2019-04-05 22:05
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8379	0.1	-731.4	86.1	511	Not defined	1	241.9040	2019-04-05 22:05
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.208	-12254.834	0	-731.4	86.4	511	Not defined	1	241.9040	2019-04-05 22:05
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.206	-12254.8301	0.1	-731.4	74.8	511	Not defined	1	241.9040	2019-04-05 22:05
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.206	-12254.8311	0.1	-731.4	76.1	511	Not defined	1	241.9040	2019-04-05 22:06
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.205	-12254.8291	0.1	-731.4	76.9	511	Not defined	1	241.9040	2019-04-05 22:06
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.832	0	-731.4	75.2	511	Not defined	1	241.9040	2019-04-05 22:06
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.212	-12254.835	0	-731.4	78.5	511	Not defined	1	241.9040	2019-04-05 22:06
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.213	-12254.8379	0	-731.4	84.9	511	Not defined	1	241.9040	2019-04-05 22:06
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.208	-12254.8369	0	-731.4	79.3	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8379	0.1	-731.4	75.5	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8389	0	-731.4	74.8	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8369	0	-731.4	74.6	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8369	0	-731.4	77.3	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.21	-12254.8389	0.1	-731.4	79.7	511	Not defined	1	241.9040	2019-04-05 22:07
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.21	-12254.8398	0.2	-731.4	55.4	511	Not defined	1	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.209	-12254.8389	0.2	-731.4	53.9	511	Not defined	1	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.211	-12254.8389	0.2	-731.4	74.4	511	Not defined	3	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.214	-12254.8398	1.8	-731.4	2.4	511	Not defined	1	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.214	-12254.8467	1.1	-731.4	290.8	511	Not defined	1	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.215	-12254.8457	0.9	-731.4	355.3	511	Not defined	1	241.9040	2019-04-05 22:08
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8467	0.7	-731.4	353.5	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	SHUSWAP	4911.217	-12254.8467	0.7	-731.4	353.5	511	Not defined	5	241.9040	2019-04-05 22:09

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.218	-12254.8477	0.3	-731.4	338.3	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.213	-12254.8467	0.4	-731.4	270.1	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.213	-12254.8457	0.5	-731.4	246.7	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.211	-12254.8447	0.4	-731.4	240.1	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.206	-12254.8438	0.4	-731.4	243.8	511	Not defined	1	241.9040	2019-04-05 22:09
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.209	-12254.8457	0.3	-731.4	270.8	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.215	-12254.8516	0.5	-731.4	309.3	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.218	-12254.8516	1.8	-731.4	67.4	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.211	-12254.8438	0.2	-731.4	115.9	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.215	-12254.8457	0.8	-731.4	37.6	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.215	-12254.8457	0.3	-731.4	13.9	511	Not defined	1	241.9040	2019-04-05 22:10
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.216	-12254.8428	0.4	-731.4	9.6	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.219	-12254.8428	0.5	-731.4	17.6	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.222	-12254.8438	0.5	-731.4	25.8	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.221	-12254.8428	0.5	-731.4	31.8	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.223	-12254.8418	0.5	-731.4	38.9	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.225	-12254.8398	0.6	-731.4	47.9	511	Not defined	1	241.9040	2019-04-05 22:11
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.227	-12254.8398	0.5	-731.4	46	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.229	-12254.8369	0.5	-731.4	42.5	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.229	-12254.835	0.5	-731.4	40.4	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.23	-12254.834	0.4	-731.4	39	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.231	-12254.834	0.3	-731.4	41	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.232	-12254.833	0.2	-731.4	45	511	Not defined	1	241.9040	2019-04-05 22:12
Unknown	CA	Unknown	Tug	3.16E+08	Not available	Not available	SHUSWAP	4911.232	-12254.834	0.1	-731.4	46	511	Not defined	1	241.9040	2019-04-05 22:13

ATON	Type	Class	Type of ship	IMO	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/mn)	True heading (deg)	Navigation status	Msg type	Port	Date time stamp
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.233	-12254.834	0.1	-731.4	48.6	511	Not defined	1	241.9040	2019-04-05 22:13
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.832	0.1	-731.4	51.8	511	Not defined	1	241.9040	2019-04-05 22:13
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.231	-12254.831	0.1	-731.4	53.3	511	Not defined	1	241.9040	2019-04-05 22:13
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.835	0.2	-731.4	51.9	511	Not defined	1	241.9040	2019-04-05 22:13
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.237	-12254.838	0.2	-731.4	62.2	511	Not defined	1	241.9040	2019-04-05 22:13
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.236	-12254.837	0.2	-731.4	67.8	511	Not defined	1	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.834	0.2	-731.4	75.1	511	Not defined	1	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.829	0.3	-731.4	77.5	511	Not defined	1	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.237	-12254.829	2.4	-731.4	346.9	511	Not defined	3	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.243	-12254.830	3.3	-731.4	16.8	511	Not defined	1	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.246	-12254.827	1.7	-731.4	39	511	Not defined	1	241.9040	2019-04-05 22:14
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.245	-12254.825	1	-731.4	109.4	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.2	-731.4	150.6	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.3	-731.4	157.9	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.2	-731.4	144.3	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.237	-12254.823	1.2	-731.4	144.3	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.3	-731.4	144.3	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.2	-731.4	150.6	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0.1	-731.4	138.1	511	Not defined	1	241.9040	2019-04-05 22:15
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.235	-12254.823	0	-731.4	131.2	511	Not defined	1	241.9040	2019-04-05 22:16
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.236	-12254.823	0	-731.4	123.2	511	Not defined	1	241.9040	2019-04-05 22:16
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.237	-12254.823	0.3	-731.4	124.5	511	Not defined	1	241.9040	2019-04-05 22:16
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.237	-12254.823	0	-731.4	124	511	Not defined	1	241.9040	2019-04-05 22:16
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.238	-12254.825	0	-731.4	125.7	511	Not defined	1	241.9040	2019-04-05 22:16
Unknown	CA		Tug	3.16E+08	Not available	SHUSWAP	4911.238	-12254.827	0	-731.4	126.1	511	Not defined	1	241.9040	2019-04-05 22:16



ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m DDMM.m mm)	Longitude (deg/min deg/min mm)	SOG (knts)	ROT (deg/min)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8281	0	-731.4	125.7	511	Not defined	1	241.9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8252	0	-731.4	123.2	511	Not defined	1	241.9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8232	0.1	-731.4	129.7	511	Not defined	1	241.9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8213	0	-731.4	127.6	511	Not defined	1	241.9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.233	-12254.8174	0.1	-731.4	122.2	511	Not defined	1	241.9040	2019-04-05 22:17
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.232	-12254.8174	0	-731.4	125.7	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8193	0.1	-731.4	126.9	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.235	-12254.8203	0	-731.4	123	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8232	0.1	-731.4	114.2	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8252	0.1	-731.4	106.6	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8262	0.1	-731.4	99	511	Not defined	1	241.9040	2019-04-05 22:18
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8262	0.1	-731.4	94.8	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.229	-12254.8252	0.1	-731.4	97	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.23	-12254.8203	0	-731.4	100.4	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.231	-12254.8184	0.1	-731.4	96.4	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8174	0.1	-731.4	91.8	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.235	-12254.8086	0.1	-731.4	90.5	511	Not defined	1	241.9040	2019-04-05 22:19
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8125	0	-731.4	89.5	511	Not defined	1	241.9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8145	0	-731.4	89.6	511	Not defined	1	241.9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8164	0	-731.4	91.8	511	Not defined	3	241.9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.24	-12254.8193	0	-731.4	91.6	511	Not defined	1	241.9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8262	0	-731.4	92.6	511	Not defined	1	241.9040	2019-04-05 22:20
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.241	-12254.8242	0	-731.4	94.8	511	Not defined	1	241.9040	2019-04-05 22:20

ATON type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m DDMM.m)	Longitude (deg/min)	ROT (deg/min)	COG (deg)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8203	-731.4	0.1	101.2	511 Not defined	Unknown	5	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8203	-731.4	0.1	100.5	511 Not defined	Unknown	1	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8193	-731.4	0.1	99.2	511 Not defined	Unknown	1	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8213	-731.4	0	101.2	511 Not defined	Unknown	1	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8203	-731.4	0.1	107.4	511 Not defined	Unknown	1	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8213	-731.4	0	109.8	511 Not defined	Unknown	1	241.9040	2019-04-05 22:21
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8203	-731.4	0.1	114.5	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8203	-731.4	0.1	112.9	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8193	-731.4	0	109.9	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.235	-12254.8193	-731.4	0.2	118.7	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.23	-12254.8203	-731.4	0	116.3	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.231	-12254.8193	-731.4	0.1	117.2	511 Not defined	Unknown	1	241.9040	2019-04-05 22:22
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8184	-731.4	0	119.7	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8193	-731.4	0	122	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8203	-731.4	0.1	121	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8223	-731.4	0	127.5	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.243	-12254.8232	-731.4	0.1	129.9	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.242	-12254.8213	-731.4	0	125	511 Not defined	Unknown	1	241.9040	2019-04-05 22:23
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.241	-12254.8213	-731.4	0	121.9	511 Not defined	Unknown	1	241.9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8203	-731.4	0	117.5	511 Not defined	Unknown	1	241.9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8203	-731.4	0.1	115.4	511 Not defined	Unknown	1	241.9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8213	-731.4	0	119.9	511 Not defined	Unknown	1	241.9040	2019-04-05 22:24
Unknown	CA	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8184	-731.4	0.1	119.4	511 Not defined	Unknown	1	241.9040	2019-04-05 22:24

ATON	Type	Class	Type of ship	MMSI	IMO number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	COG (deg)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8174	0.1	-731.4	118.3	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:24
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.235	-12254.8184	0	-731.4	112.5	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8193	0.1	-731.4	107.7	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.236	-12254.8203	0	-731.4	106.8	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8223	0.1	-731.4	103.2	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.233	-12254.8232	0	-731.4	99.4	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.231	-12254.8242	0.1	-731.4	99.5	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:25
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.23	-12254.8252	0.1	-731.4	106.6	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.23	-12254.8281	0.2	-731.4	116.6	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.227	-12254.8281	0	-731.4	123.6	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.229	-12254.8291	0.1	-731.4	129	511	Not defined	3 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8262	0	-731.4	128.1	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.241	-12254.8252	0	-731.4	119.5	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:26
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.242	-12254.8262	0	-731.4	117.3	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.241	-12254.8281	0	-731.4	119.2	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8281	0	-731.4	118.5	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8281	0	-731.4	116.4	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.234	-12254.8281	0.1	-731.4	112	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.231	-12254.8271	0	-731.4	113.6	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:27
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.233	-12254.8242	0.2	-731.4	114.2	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:28
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.238	-12254.8252	0	-731.4	114	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:28
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.239	-12254.8242	0	-731.4	116.3	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:28
Unknown	CA	Unknown	Tug	3.16E+08	0 available	Not available	SHUSWAP	4911.237	-12254.8252	0	-731.4	110.4	511	Not defined	1 241.9040	10.208.34		2019-04-05 22:28

ATON	Type	Class	ship	Type of	MMSI	IMO	number	Call sign	Name	Destination	Latitude (DDMM.m)	Longitude (DDMM.m)	SOG (knts)	ROT (deg/min)	True heading	Navigation status	Msg type	Port	Date time stamp
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.236	-12254.8252	0.1	-731.4	105.2	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:28
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.236	-12254.8252	0	-731.4	103	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:28
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.237	-12254.8223	0	-731.4	99.5	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.237	-12254.8193	0	-731.4	100.3	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.238	-12254.8193	0.1	-731.4	105.5	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.239	-12254.8184	0.1	-731.4	110.8	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.239	-12254.8154	0.1	-731.4	108.2	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29
Unknown	CA	Unknown	Tug	0 available	Not available	3.16E+08	0 available	SHUSWAP	4911.236	-12254.8047	0	-731.4	108.2	511	Not defined	1	241.9040	10.208.34	2019-04-05 22:29